

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052704.D
 Acq On : 16 Jan 2023 16:33
 Operator : JC/MD
 Sample : 01138-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W4DL

Quant Time: Jan 17 05:34:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

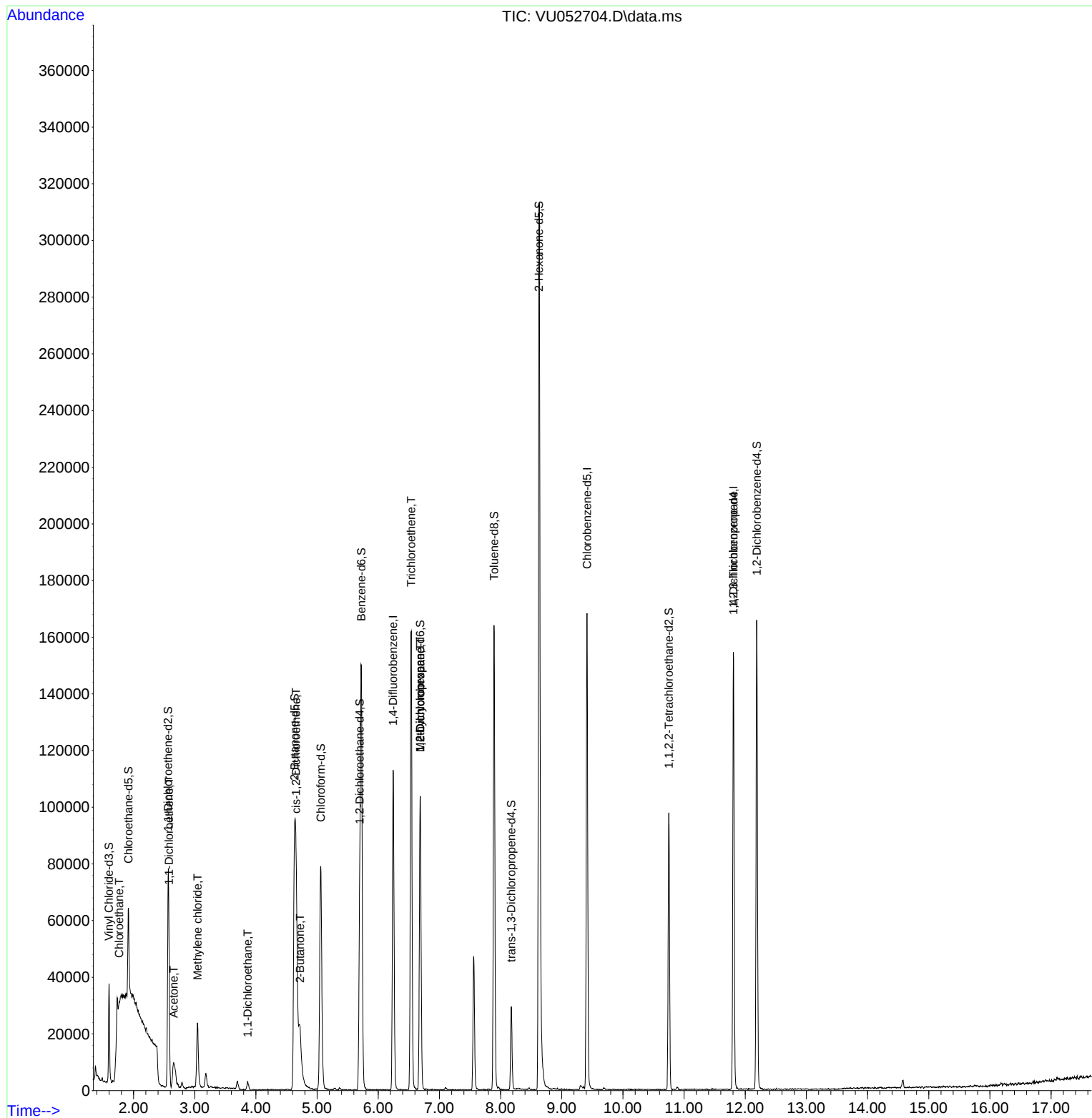
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	91490	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	92291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	40930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25097	3.122	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.916	69	25582	3.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.565	65	13524	3.821	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	4.633	46	155002	72.123	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	144.240%#	
24) Chloroform-d	5.060	84	74854	4.992	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.697	65	45257	5.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.600%	
32) Benzene-d6	5.723	84	140299	4.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.687	67	50455	5.062	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.200%	
41) Toluene-d8	7.893	98	110190	4.178	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	8.176	79	17249	4.653	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.629	63	106352	69.065	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	138.120%#	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48328	6.332	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	126.600%#	
66) 1,2-Dichlorobenzene-d4	12.188	152	43551	5.845	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.000%	
Target Compounds						
8) Chloroethane	1.764	64	5345	0.770	ug/L #	53
12) 1,1-Dichloroethene	2.578	96	4984	0.628	ug/L #	1
13) Acetone	2.655	43	20431	13.255	ug/L	82
16) Methylene chloride	3.047	84	11360	1.076	ug/L	79
19) 1,1-Dichloroethane	3.864	63	3402	0.203	ug/L	93
21) 2-Butanone	4.723	43	36745	14.809	ug/L	98
22) cis-1,2-Dichloroethene	4.658	96	12753	1.468	ug/L	96
34) Trichloroethene	6.539	95	55088	6.375	ug/L	95
35) Methylcyclohexane	6.687	83	11780	0.826	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	5168	0.527	ug/L #	89
61) 1,2,3-Trichloropropane	11.806	75	4914	1.033	ug/L #	62

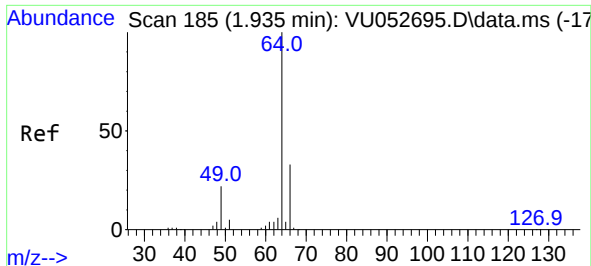
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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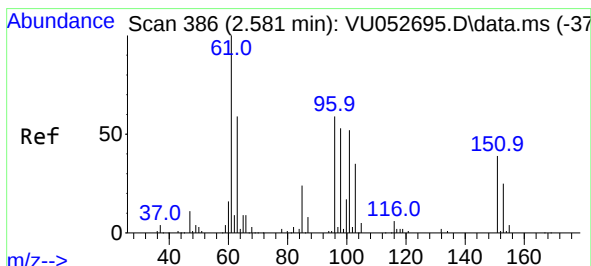
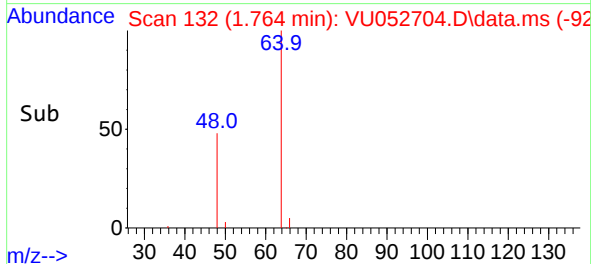
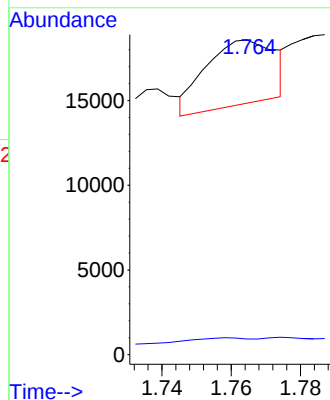
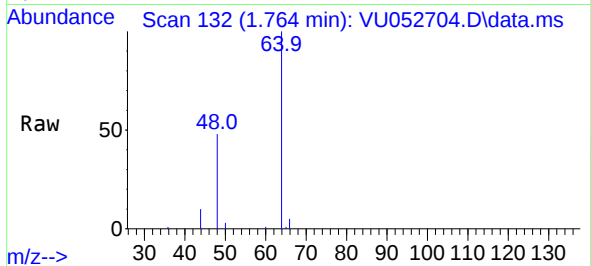




#8
Chloroethane
Concen: 0.770 ug/L
RT: 1.764 min Scan# 11
Delta R.T. -0.170 min
Lab File: VU052704.D
Acq: 16 Jan 2023 16:33

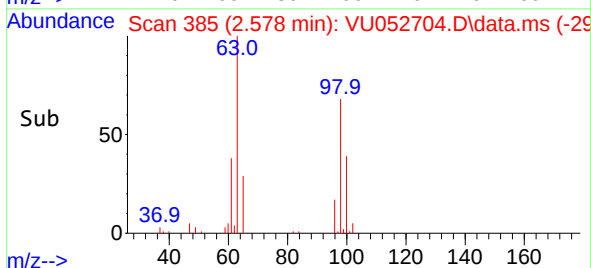
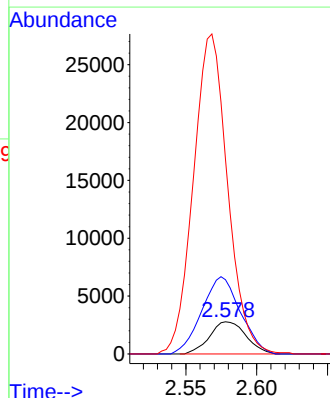
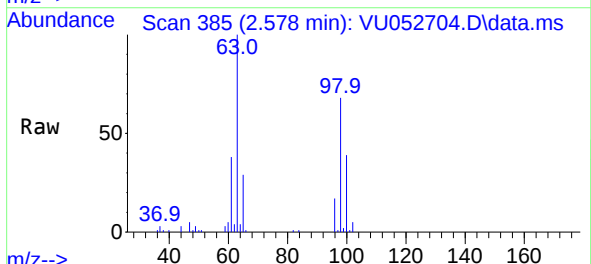
Instrument :
MSVOA_U
ClientSampleId :
BH1W4DL

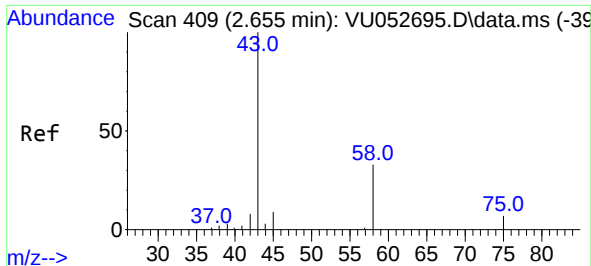
Tgt Ion: 64 Resp: 5345
Ion Ratio Lower Upper
64 100
66 5.0 21.6 40.2#



#12
1,1-Dichloroethene
Concen: 0.628 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052704.D
Acq: 16 Jan 2023 16:33

Tgt Ion: 96 Resp: 4984
Ion Ratio Lower Upper
96 100
61 230.2 129.6 240.8
63 604.2 83.7 155.5#





#13

Acetone

Concen: 13.255 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU052704.D

Acq: 16 Jan 2023 16:33

Instrument :

MSVOA_U

ClientSampleId :

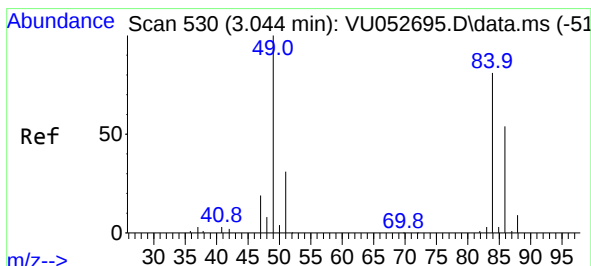
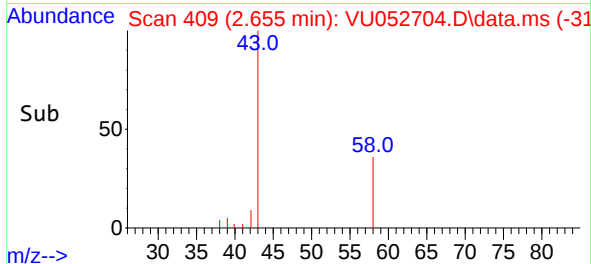
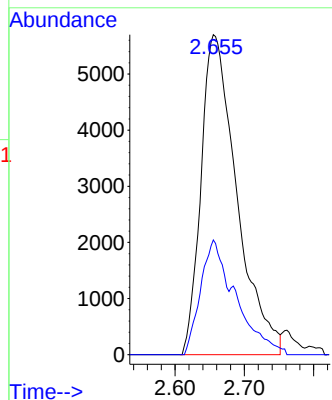
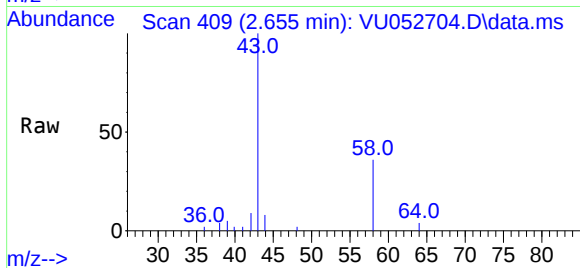
BH1W4DL

Tgt Ion: 43 Resp: 20431

Ion Ratio Lower Upper

43 100

58 23.8 0.0 68.8



#16

Methylene chloride

Concen: 1.076 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.003 min

Lab File: VU052704.D

Acq: 16 Jan 2023 16:33

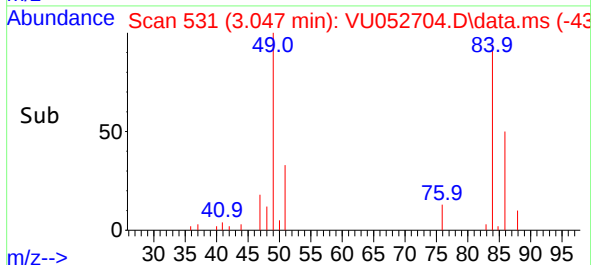
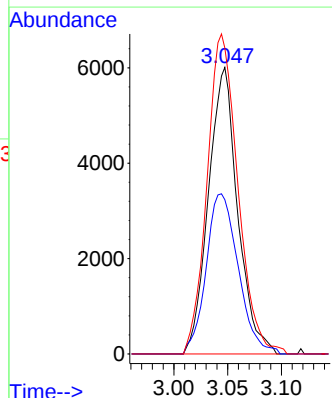
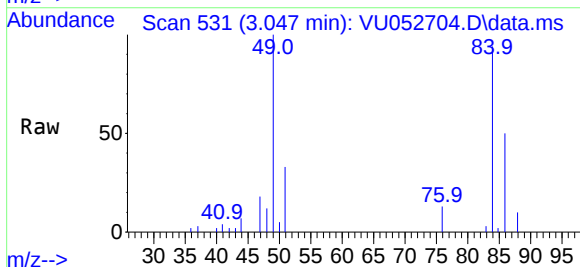
Tgt Ion: 84 Resp: 11360

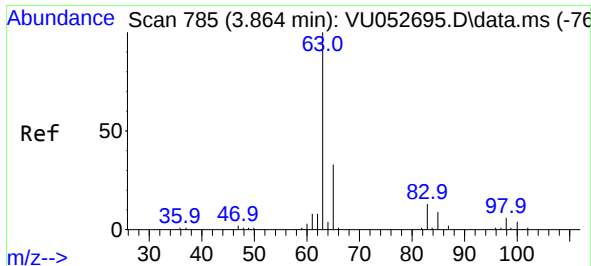
Ion Ratio Lower Upper

84 100

86 53.8 45.6 84.6

49 106.8 94.8 176.0

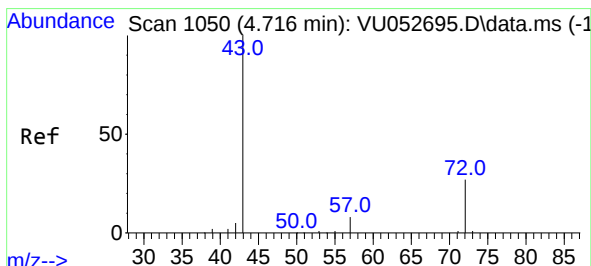
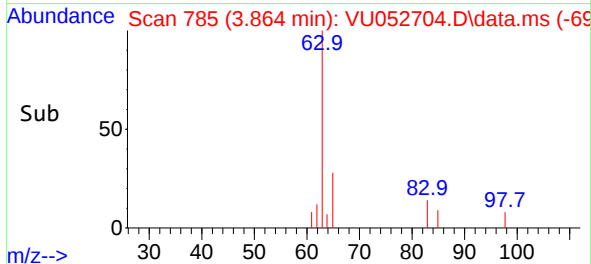
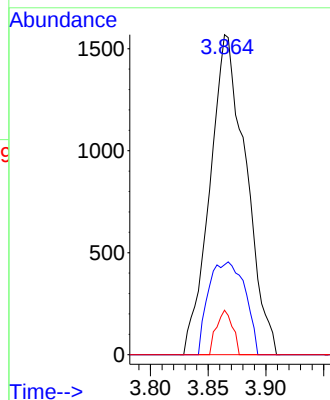
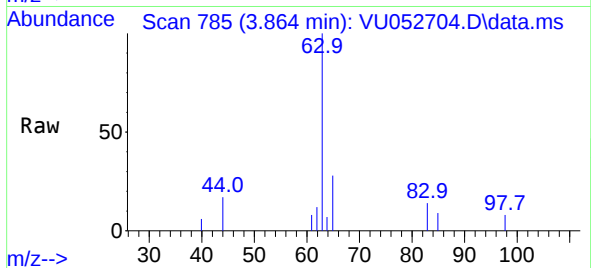




#19
1,1-Dichloroethane
Concen: 0.203 ug/L
RT: 3.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU052704.D
Acq: 16 Jan 2023 16:33

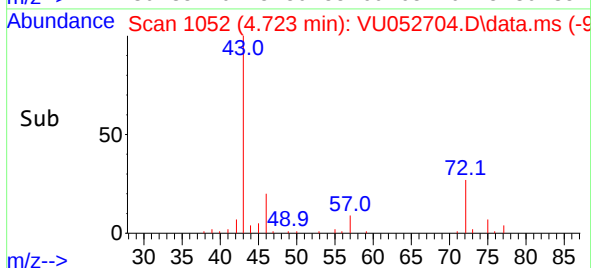
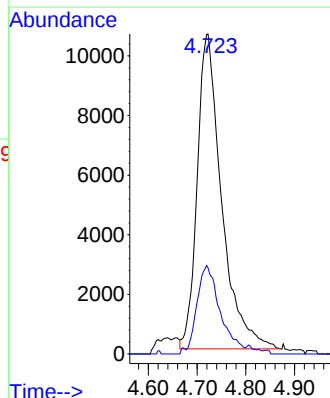
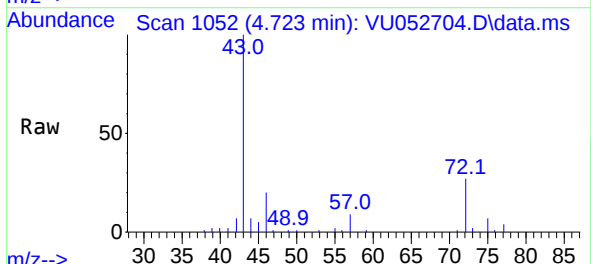
Instrument :
MSVOA_U
ClientSampleId :
BH1W4DL

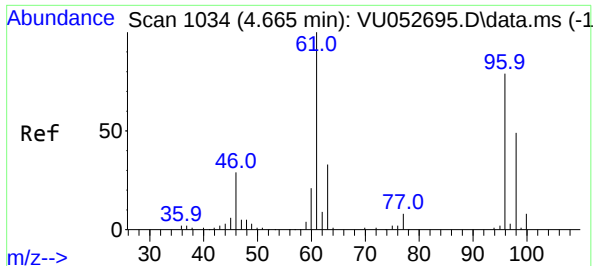
Tgt Ion:	63	Resp:	3402
Ion	Ratio	Lower	Upper
63	100		
65	26.3	22.0	41.0
83	13.0	8.9	16.5



#21
2-Butanone
Concen: 14.809 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VU052704.D
Acq: 16 Jan 2023 16:33

Tgt Ion:	43	Resp:	36745
Ion	Ratio	Lower	Upper
43	100		
72	26.5	12.9	38.6

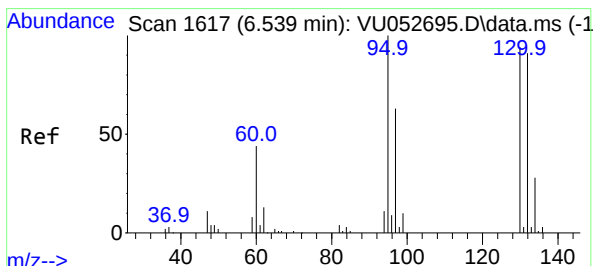
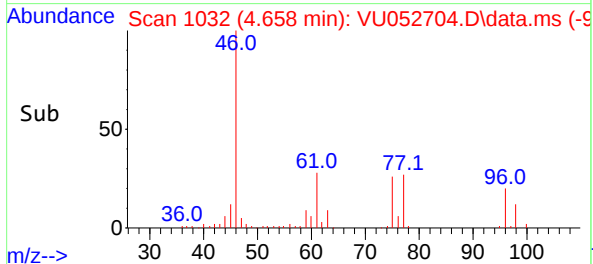
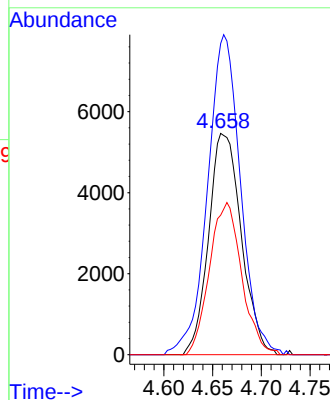
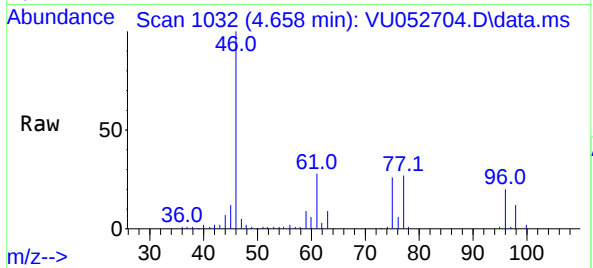




#22
cis-1,2-Dichloroethene
Concen: 1.468 ug/L
RT: 4.658 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU052704.D
Acq: 16 Jan 2023 16:33

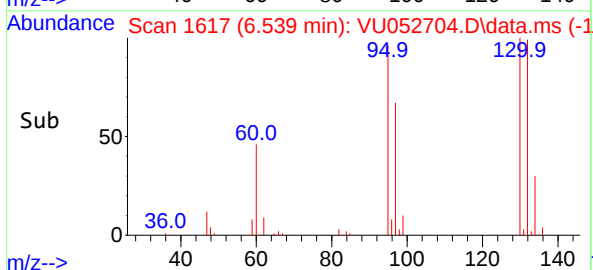
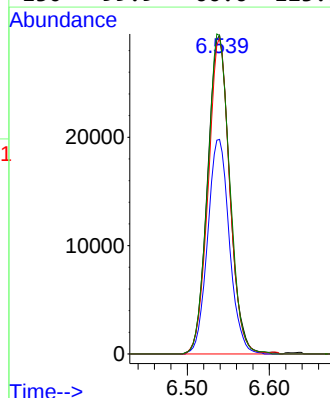
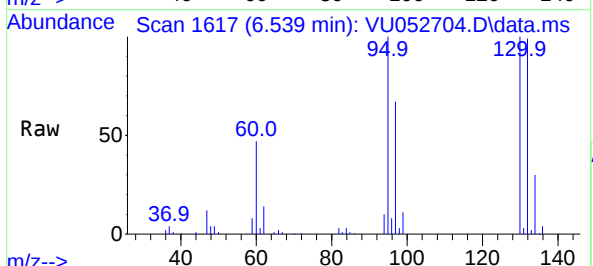
Instrument :
MSVOA_U
ClientSampleId :
BH1W4DL

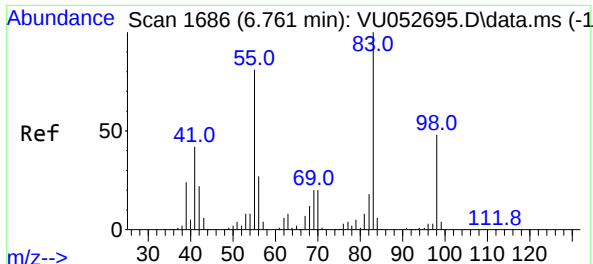
Tgt Ion: 96 Resp: 12753
Ion Ratio Lower Upper
96 100
61 140.6 94.6 175.8
98 63.0 43.3 80.3



#34
Trichloroethene
Concen: 6.375 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052704.D
Acq: 16 Jan 2023 16:33

Tgt Ion: 95 Resp: 55088
Ion Ratio Lower Upper
95 100
97 67.3 46.0 85.4
132 99.0 64.0 118.8
130 99.9 66.6 123.8





#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU052704.D

Acq: 16 Jan 2023 16:33

Instrument :

MSVOA_U

ClientSampleId :

BH1W4DL

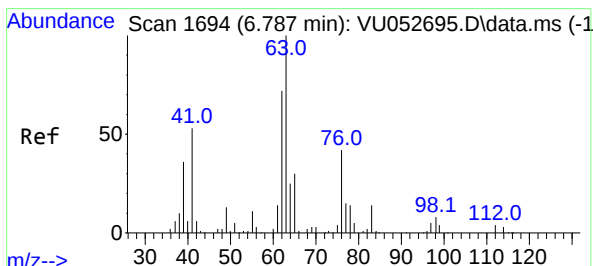
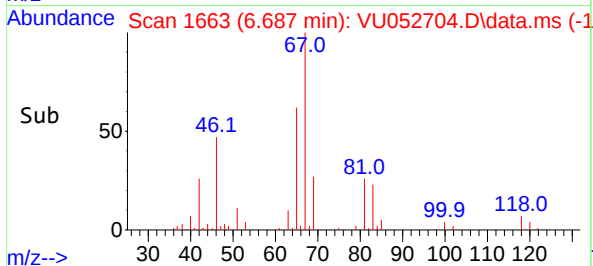
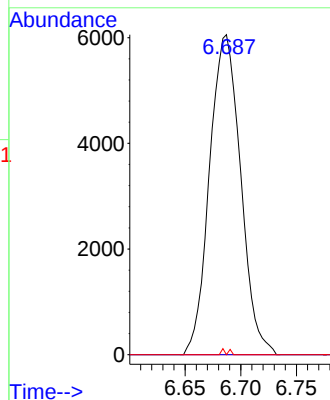
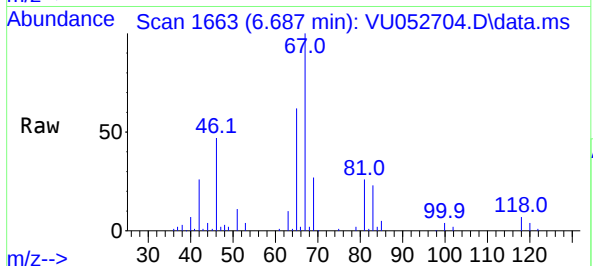
Tgt Ion: 83 Resp: 11780

Ion Ratio Lower Upper

83 100

55 0.0 67.6 101.4#

98 3.0 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.527 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052704.D

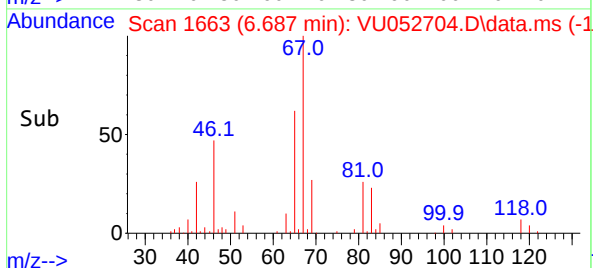
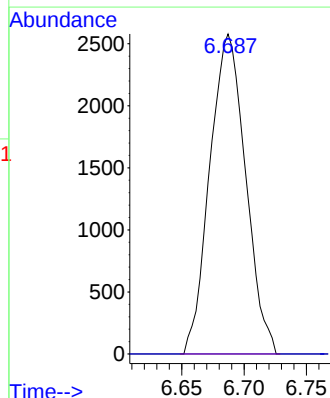
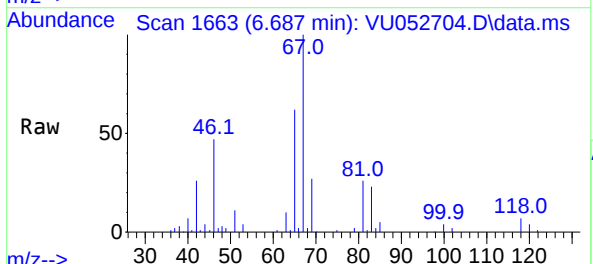
Acq: 16 Jan 2023 16:33

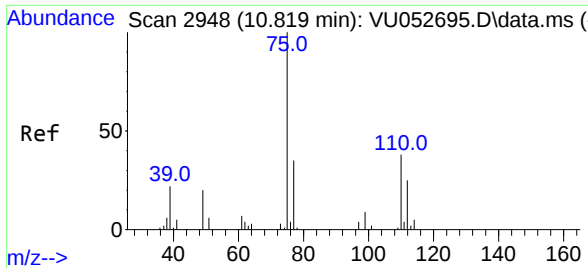
Tgt Ion: 63 Resp: 5168

Ion Ratio Lower Upper

63 100

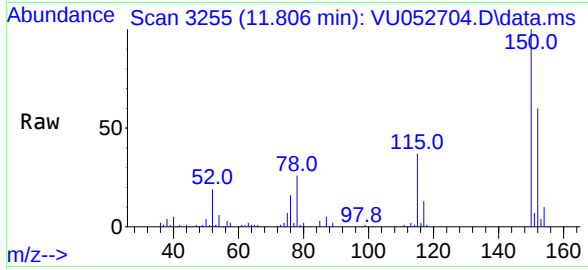
112 0.0 2.9 4.3#





#61
1,2,3-Trichloropropane
Concen: 1.033 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU052704.D
Acq: 16 Jan 2023 16:33

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 4914
Ion Ratio Lower Upper
75 100
110 0.4 27.2 40.8#
77 37.7 24.0 36.0#

